

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

1-15-71 Capped and Terminated for failure to spud

DATE FILED 9-16-70

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-076729

INDIAN

DRILLING APPROVED:

9-16-70

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

FIELD: *Overlook Field Extension 3/86 San Arroyo*

UNIT:

COUNTY: *Grand*

WELL NO. *FEDERAL #1-12*

API NO. *43-019-30059*

LOCATION

500

FT. FROM (N) (S) LINE,

1400

FT. FROM (E) (W) LINE.

SW SE SW

¼ - ¼ SEC. 1

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

16 S

25 E

1

ATLANTIC RICHFIELD CO.

1-15-71 Appraisal Terminated

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

..... WW..... TA.....

Bond released

..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

PHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CMLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-076729
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR ATLANTIC RICHFIELD COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo., 80203		8. FARM OR LEASE NAME FEDERAL 1-12
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface SW SE SW - 500' f/South & 1400' f/West lines Section 1. At proposed prod. zone Same		9. WELL NO. 1-12
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Overlook Area
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1400' f/lease line 500' f/Section		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1-16S-25E
16. NO. OF ACRES IN LEASE 958.48		12. COUNTY OR PARISH Grand
17. NO. OF ACRES ASSIGNED TO THIS WELL Not spaced		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1st Well		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 6300'		22. APPROX. DATE WORK WILL START* Dirt work - when appl rec'd Est drlg - 9/24/70
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7526 - GL Ungraded		
23. PROPOSED CASING AND CEMENTING PROGRAM		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	9-5/8	32.3#	300'	300 sx (Out btm to top)
8-3/4	7"	20#	2500	125 sx (Set if required)
6-1/8"	4-1/2"	10.5#	Total Depth	250 sx

It is proposed to drill well, using air, to depth sufficient to test the Dakota-Cedar Mountain formation. Anticipated Dakota top is 6100'. 9-5/8" casing will be set at approximately 300' and cemented bottom to top; 7" OD intermediate string will be set only if required for continued air drilling; at T.D., will log; if productive, 4-1/2" OD casing will be set with sufficient cement to protect all zones; productive zone(s) will be perforated, treated if necessary, and well completed. Due to topography, an exception to State of Utah Oil & Gas Conservation Commission Rule C-3, Well Spacing Requirements, is hereby requested. Atlantic Richfield Company is the owner of all lands comprising Sections 1, 2, 11, 12-16S-25E. The proposed location complies with Cause No. 107-1, which provides spacing for Sections 11 & 12-16S-25E (among other lands). The closest well is Bitter Creek State #1, SW SW SE Section 1-16S-25E, and the proposed location will be 3930' East from Bitter Creek State #1.

Certified location plat attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W. A. Walther, Jr. TITLE Dist. Prod'n. & Drlg Supt. DATE 9/14/70
(This space for Federal or State office use)

PERMIT NO. 43-019-30059 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

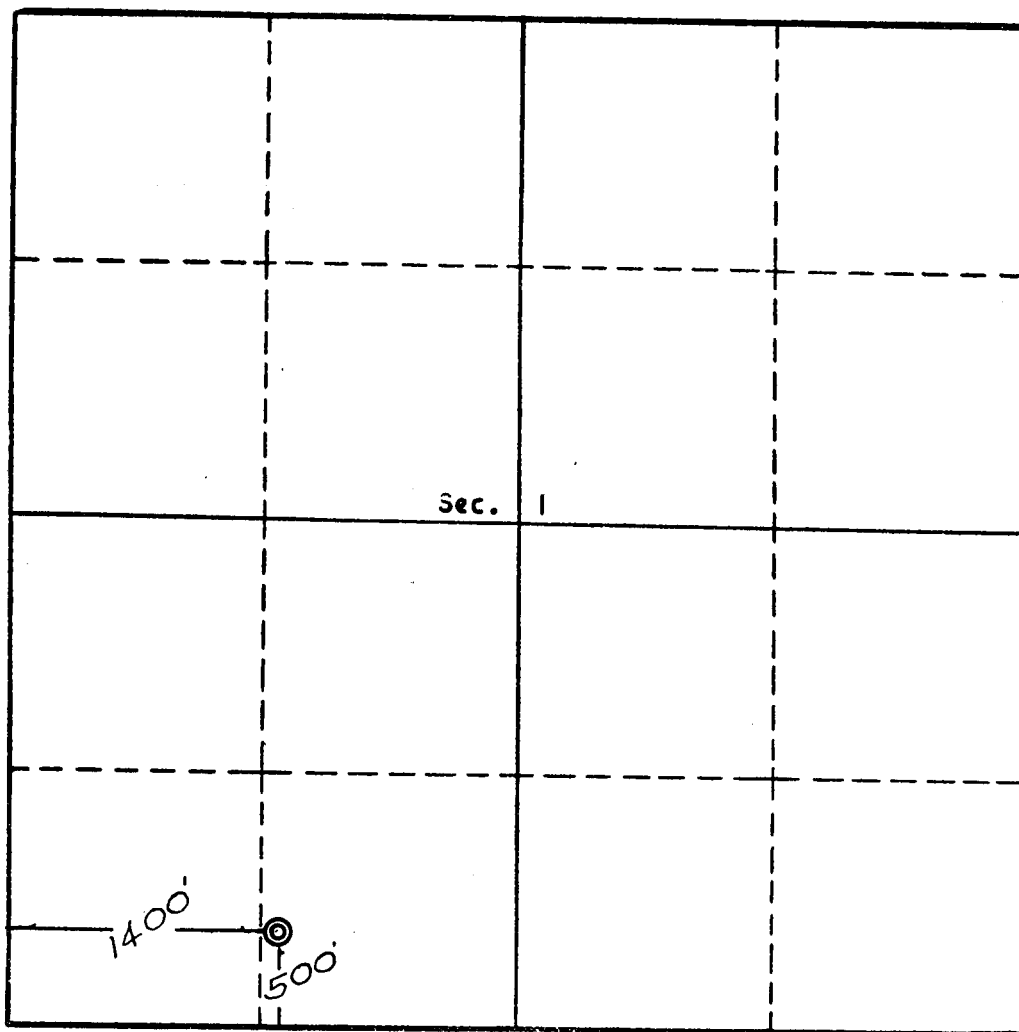
Company ATLANTIC RICHFIELD COMPANY

Well Name & No. Federal 1-12, Well #1-12

Location 500 feet from the South line and 1400 feet from the West line

Sec. 1, T. 16 S., R. 25 E., S. L. M., County Grand, Utah

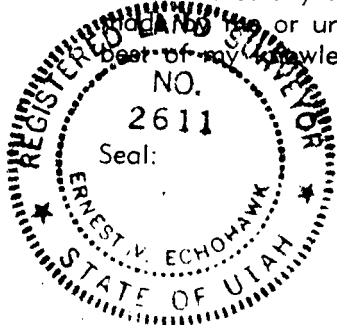
Ground Elevation 7526



Scale, 1 inch = 1,000 feet

Surveyed September 9, 19 70

This is to certify that the above plat was prepared from field notes of actual surveys made and run or under my supervision and that the same are true and correct to the best of my knowledge and belief.



E. V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

Atlantic Gulf
Horse Run on Land

rec 1 E 2

TIGS

IR 25E

107-1

Carroll
2530
+

2060

11-12

13-14

1400 - new
small

3950

Better Creek Club #1

SW SW SE

rec 2

Overlook Field

me
120

Schree
115

Jack
145

Gray
100

Colleen
50
165
215

September 16, 1970

Atlantic Richfield Company
501 Lincoln Tower Building
Denver, Colorado 80203

Re: Well No. Federal #1-12
Sec. 1, T. 16 S, R. 25 E,
Grand County, Utah
API No. 43-019-30059

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3(c).

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your co-operation with regard to completing these forms will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
CC: U.S. Geological Survey

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

September 17, 1970

Mr. W. A. Walther, Jr.
Atlantic Richfield Company
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Well No. Federal 1-12
SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 16 S., R. 25 E.
Grand County, Utah
Utah 076729

Dear Mr. Walther:

Enclosed is a copy of your Application for Permit to Drill the referenced well which was approved by this office on September 17, 1970.

I am pleased that ARCO has decided to drill this well. There should be no further question regarding drainage of the lease by the well in section 2 on State land once this well has been completed.

Your application did not include information about your proposed mud program or the type of blow out preventers to be used. Please supply this data. This information will be a standard requirement for inclusion on all future applications. Also, do you plan to use a mud logger?

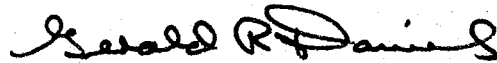
Since the well will be located less than 200 feet from the boundary of a legal subdivision, would you please send a special lease stipulation, original and two copies, similar to the following:

Atlantic Richfield Company hereby agrees that the SW $\frac{1}{4}$ SW $\frac{1}{4}$ and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 1, T. 16 S., R. 25 E., SLM, Grand County, Utah, now subject to Federal oil and gas lease Utah 076729, will not be subdivided by partial assignment until such time as the well to be located 500 feet from the South line and 1400 feet from the West line of said section 1 has been approved as plugged and abandoned by the Geological Survey.

In cases where a well is to be located less than 200 feet from the boundary of a legal subdivision, we ordinarily require that such a stipulation be of record prior to approval of the Application for Permit to Drill. However,

since the general spacing in the area is 320 acres and since the area immediately to the south of this well is included in a State spacing order specifying 320-acre spacing, I have approved your application on the assumption that you will send the stipulation as soon as possible as I am sure you are anxious to start work on the well.

Sincerely yours,

A handwritten signature in cursive script, reading "Gerald R. Daniels".

Gerald R. Daniels,
District Engineer

cc: Casper
Utah Division of Oil & Gas ✓

January 15, 1971

Atlantic Richfield Company
501 Lincoln Tower Building
Denver, Colorado

Re: Well No's. Federal #1-12
Sec. 1, T. 16 S, R. 25 E,
Bitter Creek State #2
Sec. 2, T. 16 S, R. 25 E,
Grand County, Utah

Gentlemen:

Approval to drill the above mentioned wells, granted in our letters of September 16, 1970 and October 16, 1970, is hereby terminated for failure to spud-in within the time prescribed.

If and when you should decide to drill these wells, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON S. FEIGHT
DIRECTOR

CSF:sd

cc: U.S. Geological Survey
Division of State Lands